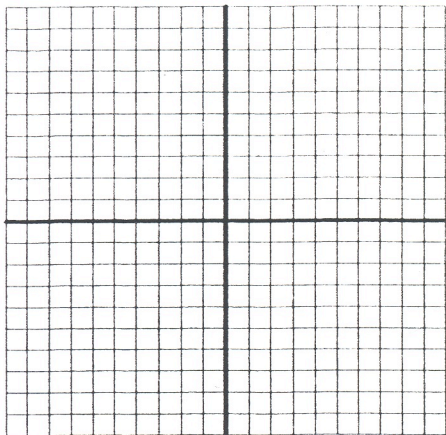


NAME _____

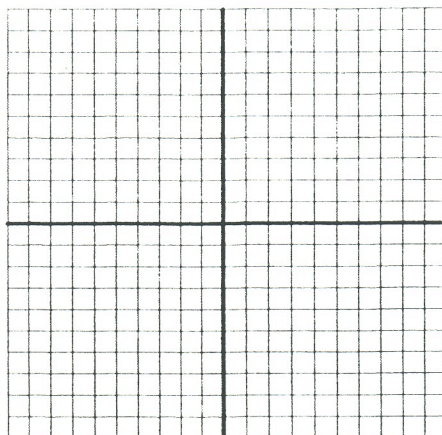
PERIOD _____ DATE _____

GRAPHS OF SOME BASIC FUNCTIONS

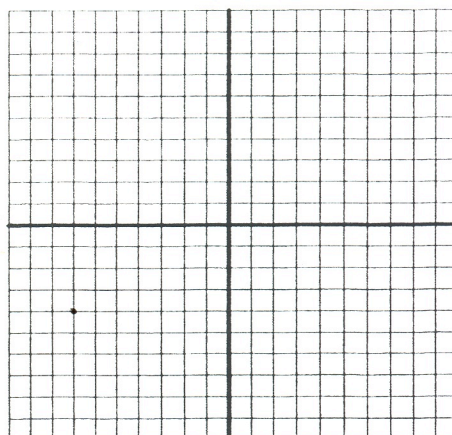
1) $y = x$



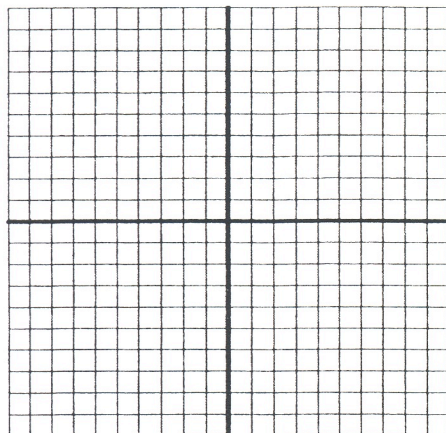
2) $y = |x|$



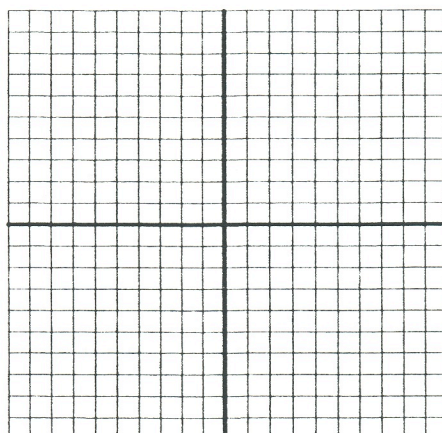
3) $x = |y|$



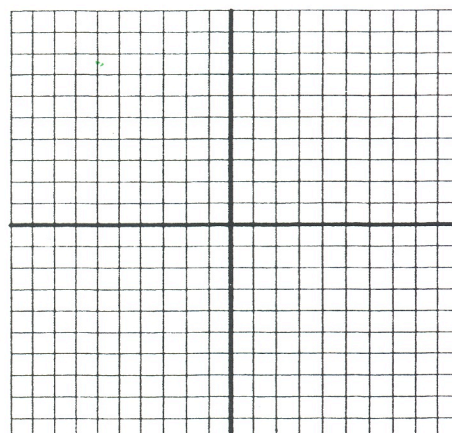
4) $y = \sqrt{x}$



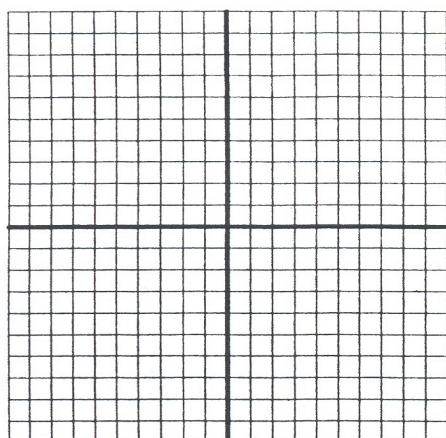
5) $y = x^2$



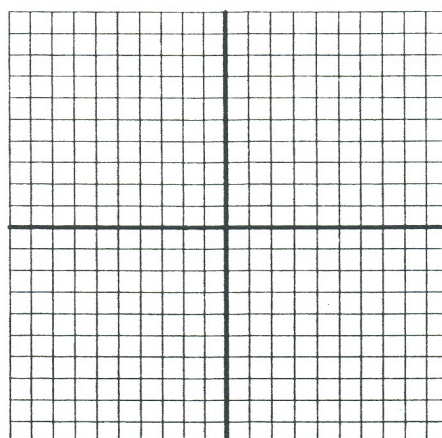
6) $x = y^2$



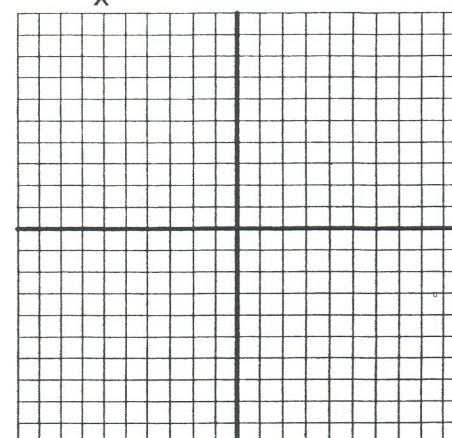
7) $y = x^3$



8) $y = \sqrt[3]{x}$



9) $y = \frac{1}{x}$



BASIC GRAPHS / CHARTS

A) Complete each of the following tables.

B) Use the information in the tables to complete each graph.

1) $y = x$

[illegible]

$$2) \quad y = |x|$$

[illegible]

3) $x = |y|$

x									
y	-9	-7	-5	-3	-1	0	2	4	6

4) $y = \sqrt{x}$

x	-4	-1	0	1	4	9
y						

5) $y = x^2$

x	-3	-2	-1	0	1	2	3
y							

6) $x = y^2$

x							
y	-3	-2	-1	0	1	2	3

7) $y = x^3$

x	-2	-1	$-\frac{1}{2}$	0	$\frac{1}{2}$	1	2
y							

8) $y = \sqrt[3]{x}$

x	-8	-1	-1/8	0	1/8	1	8
y							

9) $y = \frac{1}{x}$

[illegible]